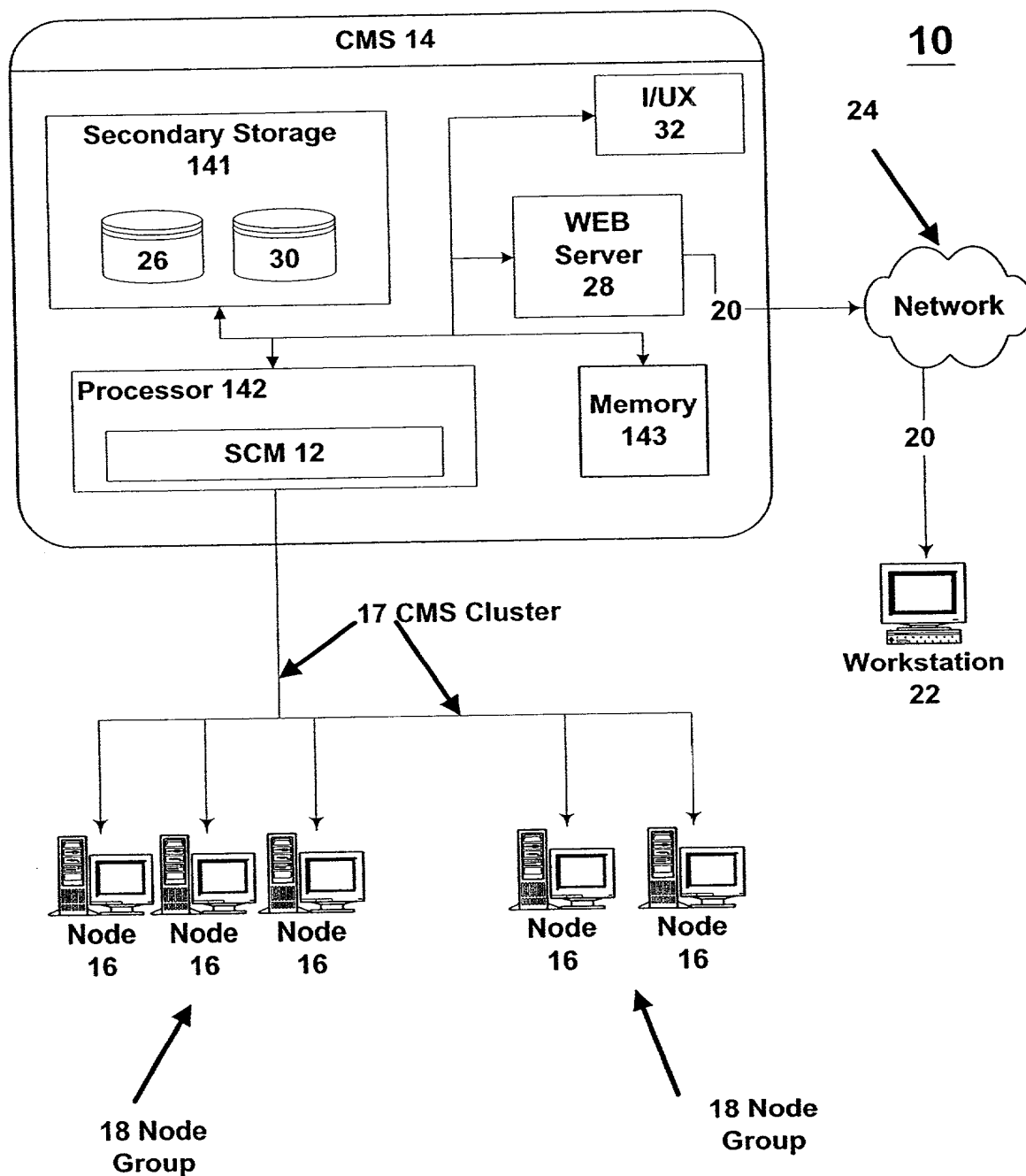


**FIGURE 1**



**FIGURE 2**

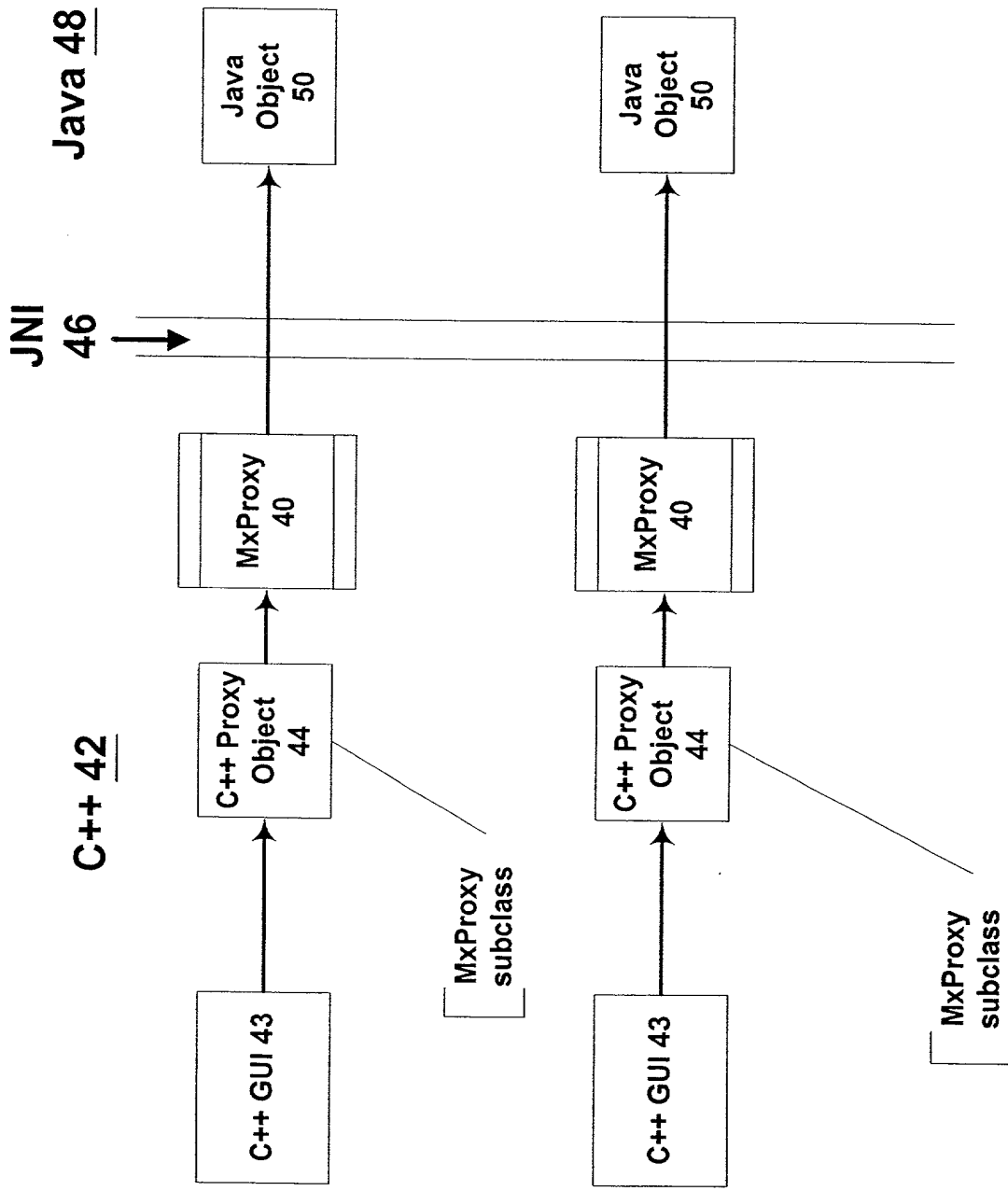


FIGURE 3

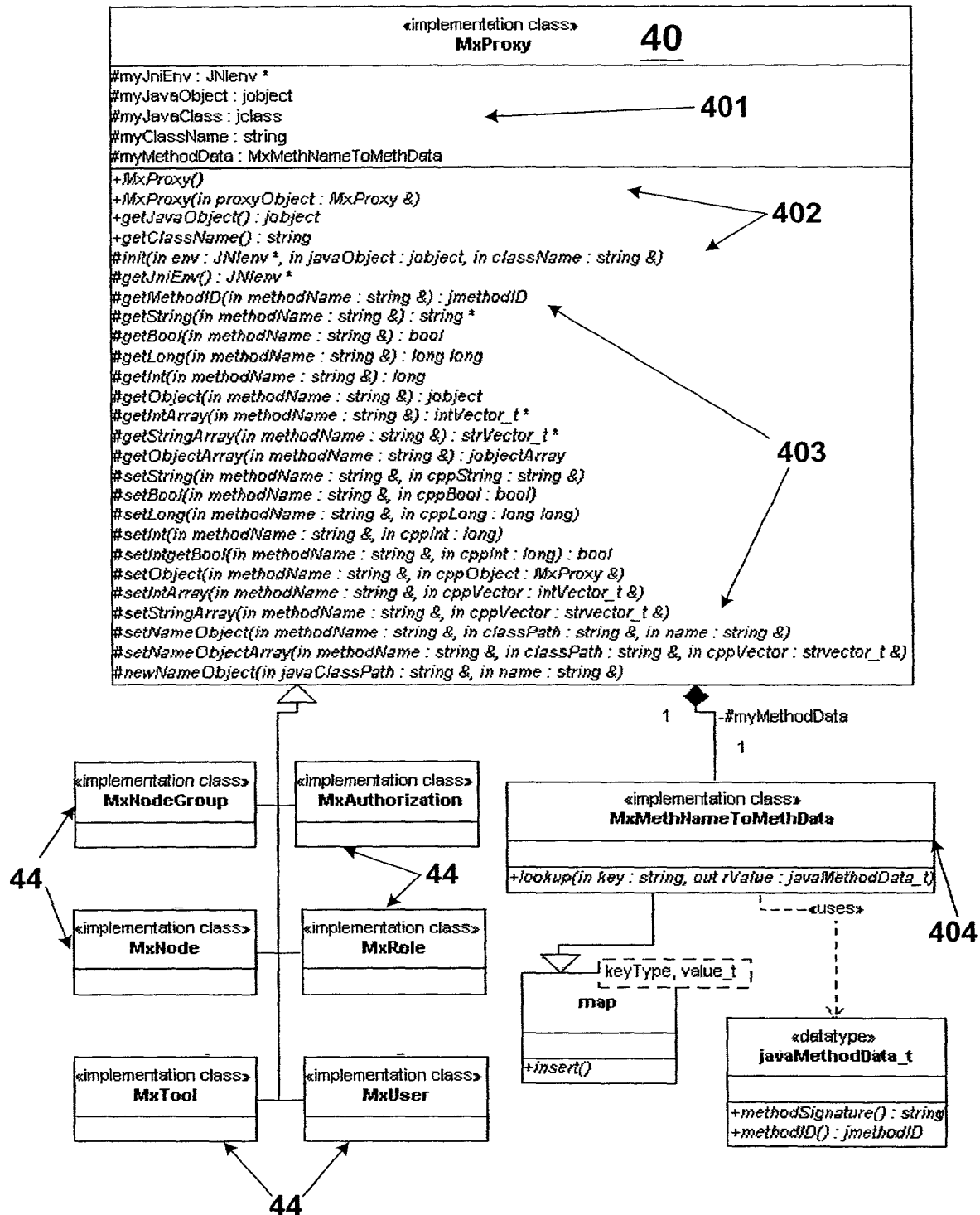


FIGURE 4A

<Implementation class>

MxTool

```
+MxTool(in env: JNlEnv *, in javaObject : jobject, in className : string &)  
+setName(in toolName : string &),  
+getName() : string *  
+setCreatedBy(in creatorID : long)  
+getCreatedBy() : long  
+setModifiedBy(in modifierID : long)  
+getModifiedBy() : long  
+setCreatedTime(in milliseconds: long long)  
+getCreatedTime() : long long  
+setModifiedTime(in milliseconds : long long)  
+getModifiedTime() : long long  
+setMultiSystemAware(in newFlag : bool)  
+getMultiSystemAware() : bool  
+set ToolLaunchable(in newFlag : bool)  
+getToolLaunchable() : bool  
+setDescription(in description: string &)  
+getDescription() : string *  
+setComment(in comment : string &)  
+getComment() : string *  
+setOwnedBy(in ownedBy : long)  
+getOwnedBy() : long  
+setExecutedBy(in executedBy : long)  
+getExecutedBy() : long  
+addFileCopyPair(in source : string &, in destination: string &)  
+removeFileCopyPair(in source : string &, in destination : string &)  
+getFiles() : pairVector_t *  
+setFiles(in files: pairVector_t &)  
+addRole(in newRole : long)  
+replaceRoles(in newRoles : intVector_t &)  
+addRoles(in newRoles : intVector_t &)  
.....
```

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FIGURE 4B

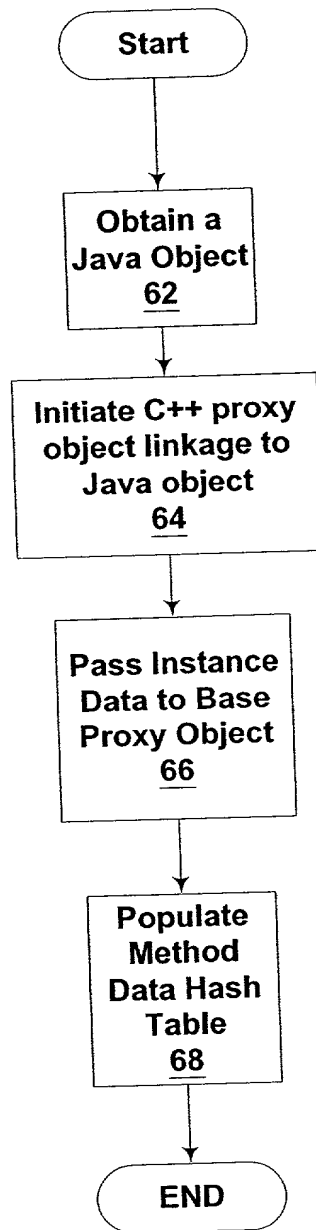


FIGURE 5

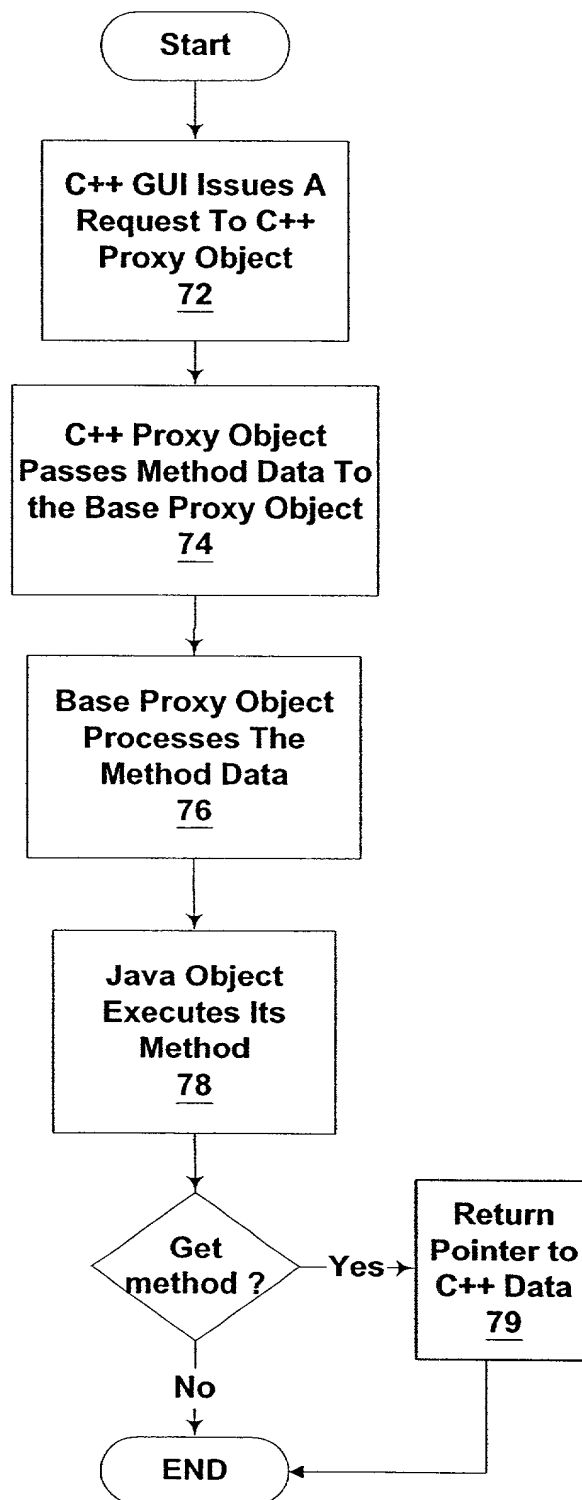
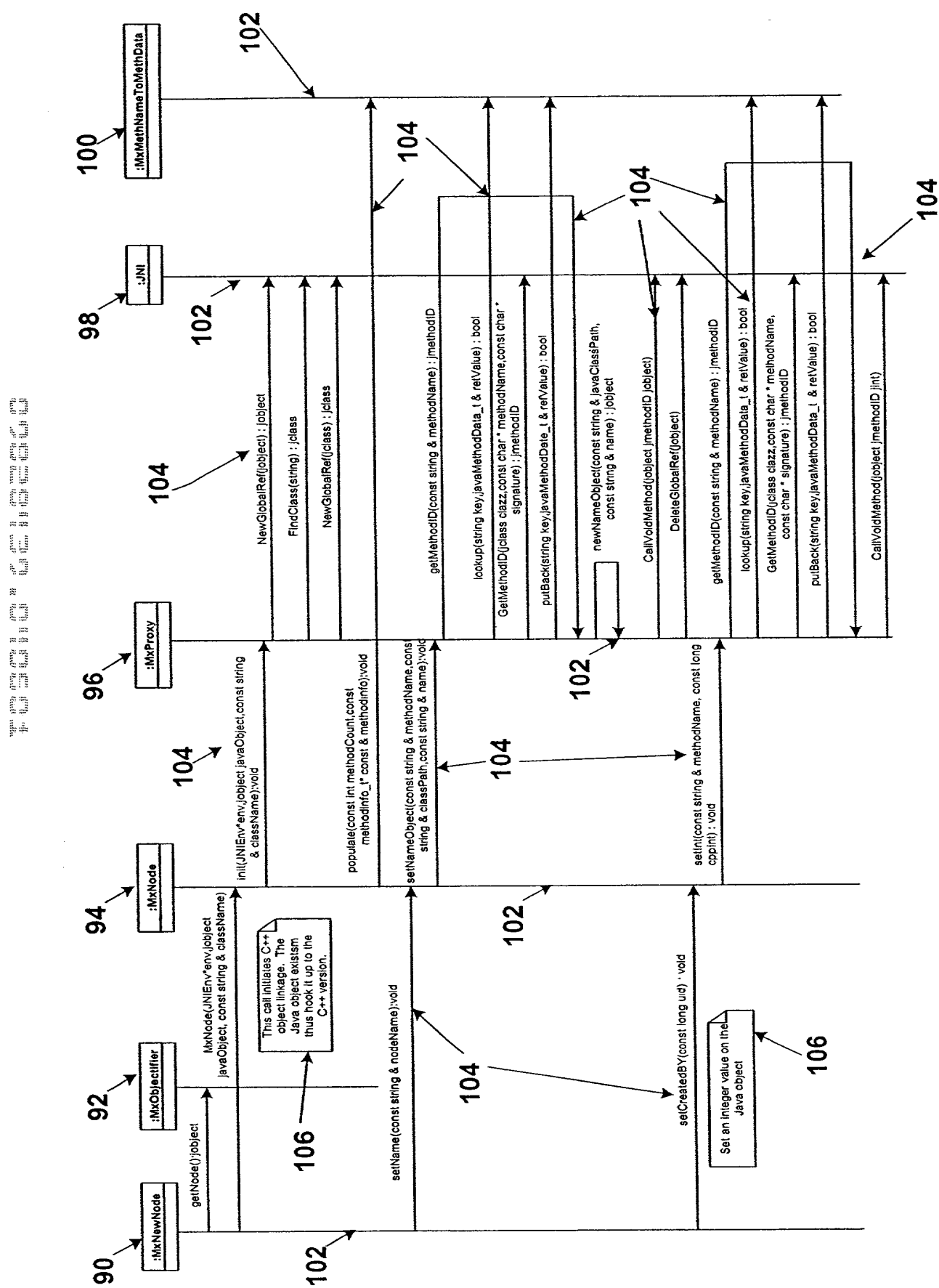


FIGURE 6



## FIGURE 7